

## ABSTRACT OF THE DISCLOSURE

A head positioning apparatus capable of positioning a head at high speed and with high accuracy is provided. The head positioning apparatus  
5 includes a magnetic head 15, a head supporting mechanism 14, a coarse actuator 12, a fine actuator 13, a head position detection part 7, a fine movement control system 8 for controlling the fine actuator 13 based on the head position detected by the head position detection part 7, a head moving  
10 distance estimation part 3 estimating the head moving distance representing the distance the magnetic head 15 moves, and the coarse movement control system 4 for controlling the coarse actuator 12 based on the head moving distance estimated by the head moving distance estimation part 3.

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